

- 18 -

METHOD FOR PROVIDING REFRIGERATION
USING CAPILLARY PUMPED LIQUID

ABSTRACT

A method for providing refrigeration to a refrigeration load such as superconducting equipment while reducing or eliminating potential two phase instability oscillations, wherein refrigeration condenses working fluid which is evaporated from the surface of a porous wick housed in an evaporator to generate a capillary pumping force to drive the condensed working fluid to the evaporator.